



EDI IPT - Expanded

Status Update to DLMS Supply Process Review Committee

DLA J-673

Defense Logistics Management Standards Office

703-767-0600

www.dla.mil/j-6/dlmso

www.dla.mil/j-6/log-edi



EDI IPT- Expanded Community Services

- **Extended mission: Develop and publish a plan to guide DoD in the application of community services during the implementation of ERPs and logistics system modernization efforts**
- **Scope: Full spectrum of community data services (data standards, business rules, data exchange, data repositories)**
- **Methodology:**
 - ◆ Identify common enterprise-wide requirements
 - ◆ Map against current capabilities - reveal gaps
 - ◆ Identify policies/framework needed to ensure economic and effective implementation



Open IPT Issues

- ◆ **Determine impact of SAP/other commercial vendors introducing commercial business rules into DoD infrastructure...**
 - SAP implements EDI through IDOCs which convert to ASC X12 using a translator, i.e., Mercator...IDOCs differ with each requiring maps to the X12 baseline and establishment of appropriate customer profiles
- ◆ **Assign a DLMSO POC to determine compatibility of DFAS ICs with DLMS... guidelines for long line of accounting (LOA)**
 - Dennis Thomas, Chair, DLMS Finance PRC designated
 - Will work with DFAS to identify LOA requirements



Open IPT Issues

- **Several issues identified in Component plans which will be addressed individually as they become more definitive, including:**
 - ◆ **Emerging standards...DLMS be “technology neutral” ...**
 - **Addressed as part of ongoing XML efforts...shall consider other new methods as they emerge and are defined**
 - ◆ **DLMS enhancement and streamlining...**
 - **Many new capabilities included in DLMS design and numerous redundant elements/transactions identified for deletion when no longer needed for DLSS/DLMS conversion**
 - **Streamlining business rules shall happen as part of DLMS PRC/staffing processes**



Open IPT Issues

- ◆ **Impact of Enterprise Resource Planning (ERP)...**
 - Being addressed by the IPT
- ◆ **Bandwidth...**
 - DAASC and the Technical Review Committee shall evaluate
- ◆ **Semiannual reporting...**
 - Shall be included as part of Component plan updates relative to categories identified in Appendix F of Corporate plan
- ◆ **Requirements versus available resources...**
 - Components must POM their requirements as part of their modernization programs



Data Standards/Design Repositories Subgroup

**Lead: DLIS
(Ms. Woodman)**

Members:

- Log FdAd
- DISA
- Components
- Agencies

Common Enterprise requirements:

- Establish metadata repository IAW ISO11179..."Specification and Standardization of Data Elements"
 - ◆ Capitalize/leverage existing metadata repository services, policies and documented requirements
 - ◆ Repository will be a framework for:
 - Elements
 - Definitions
 - Exchange requirements
 - Translations/mappings
 - New COTs elements
 - Authoritative sources
- Identify and document community information exchange requirements for data sharing:
 - ◆ www capability for sharing information:
 - Lessons learned
 - Associations/vendors - FAQ's...problems identified during modernization
- Identify and document metadata requirements to ensure standardization/interoperability (big "L")



Business Rules Subgroup

**Lead - DLMSO
(Mr. Thomas)**

Members:

- **DUSD(L&MR)**
- **Components**
- **Agencies**

Common Enterprise requirements:

- **Business process reengineering:**
 - ◆ “Early” identification of business process reengineering requirements
 - ◆ Architectural mechanism to manage end-to-end business process reengineering changes
- **New business requirements:**
 - ◆ Comprehensive review of best business rules development...commercial practices
 - ◆ “Acceleration” of business rules change process
- **New methods:**
 - ◆ Consider business process opportunities offered by new technologies
- **Gaps with other functional areas:**
 - ◆ Identify “other” business rules development groups
 - ◆ Assess for functional compatibility with logistics
- **Business rule Enterprise service provider:**
 - ◆ Real-time community services utilizing modern EB/EC methods
 - ◆ Develop “one” business rules path/process for all inter-component logistics processes
 - ◆ Adapt prioritization/resourcing mechanism for modernizing logistics business rules process



Information Exchange Services Subgroup

**Lead - DAASC
(DeBX)
(Mr. Scott)**
Members:

- Components
- Agencies

Common Enterprise requirements:

- Universal translation capability (X12, UDF, MILS, XML, etc.)
- Quality assurance (data integrity)
- Message auditability/accountability
- Postscript to portable documents format transformation
- Definitive transmission protocols (FTP, SMTP, STTP, etc.)
- Encoding/encryption (SSL, HTTPS, PGP, etc.)
- One time development cost for unique translation (maps)
- Evaluate need for common UDFs
- Process for testing compatibility between and among processes, systems, and Components



Operational Repositories Subgroup

**Lead: DLIS
(Ms. Geiger)**

Members:

- Log FDAd
- DISA
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Components

- Agencies

Common Enterprise requirements:

- Process for identifying/maintaining repository requirement functional process
- Develop process for identifying/designating/maintaining “Authoritative Source” repositories
- Capitalize/leverage current projects to prevent redundant analysis:
 - ◆ USTRANSCOM reference table project
- Process that ensures data and cross-mapping tables are accessible
- Process for maintaining data quality/integrity
- Institutionalized process for identifying community data exchange needs (non-transactional)
- Operational repositories change management process



Common Subgroup Requirements

- **Real-time community service capabilities**
- **Accelerate change process**
- **Capitalize/leverage existing services**
- **Authoritative source**
- **Change management**